

**Sonoma County Water Agency Russian River Habitat Planning, Restoration, and  
Coordination Project Data Sharing Plan  
NOAA Blueprint (CFDA 11.416)**

The Russian River Habitat Planning, Restoration, and Coordination, implemented by Sonoma County Water Agency (SCWA) will generate environmental data and information. For each of the projects described below, future sub-awardees not identified in this plan will have as a condition of their contract acceptance of this data sharing plan. Any additional data sharing stipulations for future sub-awardees may be outlined at that time and described in their contract.

*Project 7. Mark West Creek Coho Salmon Habitat Enhancement and Dam Removal Feasibility Study*

Data: Data includes survey and develop topographic maps for Upper Mark West Creek Areas 2 and 3. Hydrologic and hydraulic analyses for project site for winter base, annual, 2, 5, 10, 25, and 100-year storm events; developing existing conditions and design condition models using HEC-RAS 2D. Datasets will provide specifics on information data collected and collection dates.

Documentation: Topographic maps; concept drawings; preliminary hydraulic results; and a summary of comments and ideas generated at concept review meeting will be prepared in text and figures, and as a digital file.

Data Collection Procedures: Data will be collected by Prununske Chatham, Inc. according to the following:

- Hydrologic analysis: Flood frequency analysis based on scaled streamflow data from nearby USGS gages as well as a hydraulic routing program. The models used were the USGS model Peak FQ and the US Army Corps of Engineers model HEC-HMS.
- Hydraulic analysis: US Army Corps of Engineers 2-dimensional hydraulic model HEC-RAS2D.
- Topographic survey: US Army Corps of Engineers manual EM 1110-1-1005. Titled Control and Topographic Surveying, Jan 1, 2007.

Data Sharing: The collected data and details about our methods will be available to the public upon request, starting on March 31, 2016. Contact Sheri Emerson at [Sheri.Emerson@sonoma-county.org](mailto:Sheri.Emerson@sonoma-county.org) for more information or to make a data request. In the past, we have also shared similar data through grant progress reports, annual monitoring reports, and on our website at [www.scwa.ca.gov](http://www.scwa.ca.gov).